LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.845	288	299	306	rBV	1586303	2155769	10.62%	1.090%
2	5.281	538	543	546	rBV	3359757	3190633	15.72%	1.614%
3	5.387	556	561	570	rBV	1935923	2680613	13.21%	1.356%
4	5.639	597	604	608	rBV2	1457078	1710478	8.43%	0.865%
5	6.322	717	720	722	rBV	1264070	1005895	4.96%	0.509%
6	6.351	722	725	729	rVB	1264687	1011181	4.98%	0.511%
7	6.398	729	733	735	rBV	640700	587550	2.89%	0.297%
8	6.628	767	772	776	rVV2	3392892	4038775	19.90%	2.043%
9	6.792	796	800	804	rBV	943128	808196	3.98%	0.409%
10	6.851	807	810	812	rVV	828029	710870	3.50%	0.360%
11	6.969	827	830	834	rVB	663308	611727	3.01%	0.309%
12	7.057	840	845	850	rVV	5461772	6698447	33.00%	3.388%
13	7.328	888	891	893	rVV	761756	697811	3.44%	0.353%
14	7.404	899	904	908	rVV2	1095940	1414216	6.97%	0.715%
15	7.586	932	935	938	rVB	813205	695847	3.43%	0.352%
16	7.622	938	941	944	rBV	765731	689472	3.40%	0.349%
17	7.828	967	976	978	rBV3	2930494	4030972	19.86%	2.039%
18	7.857	978	981	987	rVB	2237206	3160261	15.57%	1.599%
19	7.945	993	996	998	rBV	561819	521894	2.57%	0.264%
20	8.063	1012	1016	1017	rVV	900620	835057	4.11%	0.422%
21	8.128	1017	1027	1030	rVV	7358838	20299162	100.00%	10.268%
22	8.157	1030	1032	1035	rVV	1831743	1287975	6.34%	0.651%
23	8.469	1080	1085	1087	rVV2	362518	471934	2.32%	0.239%
24	8.498	1087	1090	1092	rVV	651548	775044	3.82%	0.392%
25	8.533	1094	1096	1099	rVV2	660865	751891	3.70%	0.380%
26	8.580	1101	1104	1108	rVB	644408	667269	3.29%	0.338%
27	8.627	1108	1112	1116	rBV3	469410	571159	2.81%	0.289%
28	8.669	1116	1119	1122	rBV2	1035433	960480	4.73%	0.486%
29	8.739	1126	1131	1134	rVV3	633270	1078890	5.31%	0.546%
30	8.804	1134	1142	1145	rVB	6613508	11545232	56.88%	5.840%
31	8.898	1151	1158	1161	rBV	5988045	8452433	41.64%	4.275%
32	9.251	1211	1218	1221	rBV2	2755997	3151747	15.53%	1.594%
33	9.345	1231	1234	1239	rVB	1481526	1827935	9.00%	0.925%
34	9.422	1241	1247	1250	rBV	3183990	4473722	22.04%	2.263%
35	9.451	1250	1252	1254	rVV	690666	505434	2.49%	0.256%
36	9.492	1254	1259	1261	rVV	3999996	4725835	23.28%	2.390%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.522	1261	1264	1267	rVV	3105828	2903397	14.30%	1.469%
38	9.557	1267	1270	1273	rVV	3510972	2991032	14.73%	1.513%
39	9.610	1275	1279	1288	rVB	2425842	2921012	14.39%	1.478%
40	9.698	1288	1294	1297	rVB2	5513558	6542024	32.23%	3.309%
41	9.763	1302	1305	1310	rVB	960457	794391	3.91%	0.402%
42	9.810	1310	1313	1315	rBV	1491712	1458588	7.19%	0.738%
43	9.827	1315	1316	1318	rVV	1231910	700886	3.45%	0.355%
44	9.863	1318	1322	1325	rVV2	2394728	2151702	10.60%	1.088%
45	9.933	1330	1334	1338	rVB2	666686	817793	4.03%	0.414%
46	10.033	1345	1351	1354	rVV2	1436778	1727824	8.51%	0.874%
47	10.074	1354	1358	1361	rVV	1025974	1018857	5.02%	0.515%
48	10.139	1365	1369	1372	rBV2	1538082	1894422	9.33%	0.958%
49	10.174	1372	1375	1377	rVV2	924293	846653	4.17%	0.428%
50	10.227	1381	1384	1388	rBV2	775328	1244203	6.13%	0.629%
51	10.263	1388	1390	1392	rVV2	851789	842150	4.15%	0.426%
52	10.286	1392	1394	1396	rVB	1508073	1123603	5.54%	0.568%
53	10.351	1403	1405	1407	rVV	1108511	868382	4.28%	0.439%
54	10.386	1407	1411	1416	rVB	3633634	4290976	21.14%	2.170%
55	10.445	1416	1421	1422	rBV2	542861	726515	3.58%	0.367%
56	10.486	1426	1428	1433	rVV2	1174399	1111798	5.48%	0.562%
57	10.533	1433	1436	1439	rVV3	561521	734196	3.62%	0.371%
58	10.563	1439	1441	1444	rVB	770488	647319	3.19%	0.327%
59	10.604	1444	1448	1454	rVB2	1670226	2002434	9.86%	1.013%
60	10.739	1468	1471	1477	rBV	1085187	1165371	5.74%	0.589%
61	10.927	1499	1503	1505	rVV	1128183	1484680	7.31%	0.751%
62	10.957	1505	1508	1511	rVV	877884	884388	4.36%	0.447%
63	11.010	1514	1517	1520	rVV	784199	840547	4.14%	0.425%
64	11.080	1523	1529	1531	rVV6	408584	699784	3.45%	0.354%
65	11.127	1535	1537	1541	rVV	619712	589996	2.91%	0.298%
66	11.216	1549	1552	1560	rVB	1688689	1716169	8.45%	0.868%
67	11.321	1566	1570	1571	rBV	733601	745138	3.67%	0.377%
68	11.357	1571	1576	1579	rVV	5880874	7794575	38.40%	3.943%
69	11.398	1579	1583	1586	rVV	2961000	2588961	12.75%	1.310%
70	11.616	1617	1620	1623	rVV	717000	563736	2.78%	0.285%
71	11.651	1623	1626	1631	rVB2	676429	614942	3.03%	0.311%
72	11.733	1637	1640	1644	rVB	506754	561252	2.76%	0.284%
73	11.827	1652	1656	1658	rVV	1872362	2001284	9.86%	1.012%
74	11.851	1658	1660	1664	rVV	2326189	2017409	9.94%	1.020%
75	11.898	1665	1668	1671	rVV	1020142	894258	4.41%	0.452%
76	11.939	1671	1675	1677	rVV	2508108	2984758	14.70%	1.510%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.957	1677	1678	1683	rVB	1525793	1068417	5.26%	0.540%
78	12.115	1703	1705	1709	rBV	900052	805370	3.97%	0.407%
79	12.374	1743	1749	1752	rBV	1212682	1391612	6.86%	0.704%
80	12.410	1752	1755	1757	rVV2	769369	969848	4.78%	0.491%
81	12.539	1773	1777	1780	rBV	3387503	3147350	15.50%	1.592%
82	12.633	1790	1793	1796	rVV	1454106	1281605	6.31%	0.648%
83	12.774	1811	1817	1822	rBV	3957328	4658275	22.95%	2.356%
84	12.980	1849	1852	1857	rBV	494300	638781	3.15%	0.323%
85	13.074	1864	1868	1869	rVV2	506379	648912	3.20%	0.328%
86	13.092	1869	1871	1875	rVB	1094005	1070395	5.27%	0.541%
87	13.162	1880	1883	1886	rVV	1021707	911877	4.49%	0.461%
88	13.198	1886	1889	1892	rVV	854546	707466	3.49%	0.358%
89	13.262	1897	1900	1903	rBV	753219	813702	4.01%	0.412%
90	13.292	1903	1905	1907	rVV	677524	563229	2.77%	0.285%
91	13.321	1907	1910	1915	rVB	831410	837672	4.13%	0.424%
92	13.962	2014	2019	2022	rBV2	2482302	3201125	15.77%	1.619%
93	13.998	2022	2025	2030	rVB	1777908	1771169	8.73%	0.896%
94	14.357	2082	2086	2089	rVV	741758	839094	4.13%	0.424%
95	14.451	2095	2102	2104	rVV3	402360	568094	2.80%	0.287%
96	14.504	2109	2111	2116	rVV2	468683	467504	2.30%	0.236%
97	15.015	2192	2198	2209	rVB	709624	1573698	7.75%	0.796%
98	15.309	2244	2248	2254	rBV	539870	641720	3.16%	0.325%
99	15.374	2254	2259	2264	rVV	966890	1191382	5.87%	0.603%
100	15.433	2265	2269	2273	rVV	463624	619429	3.05%	0.313%

Sum of corrected areas: 197696937

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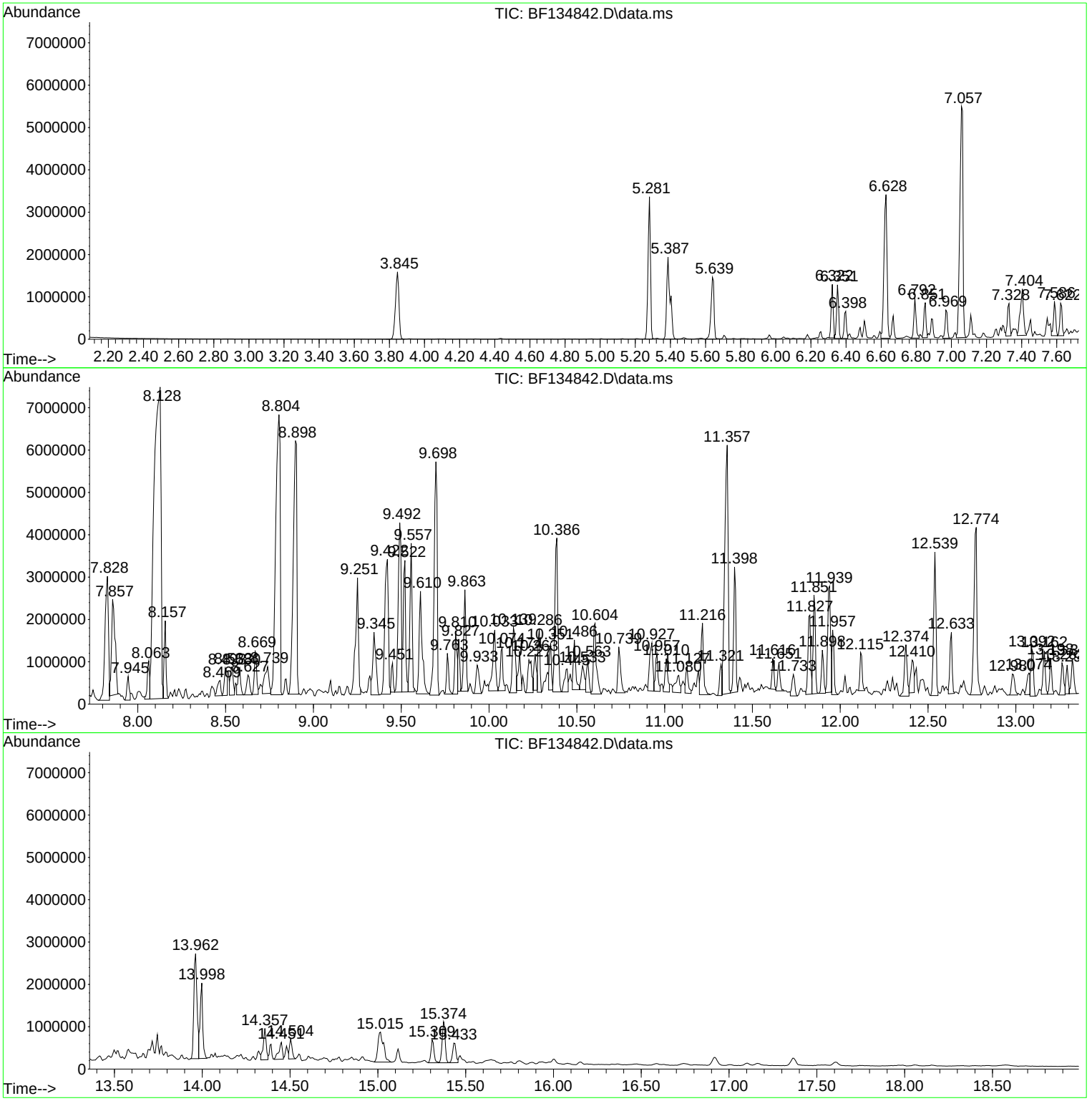
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
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Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

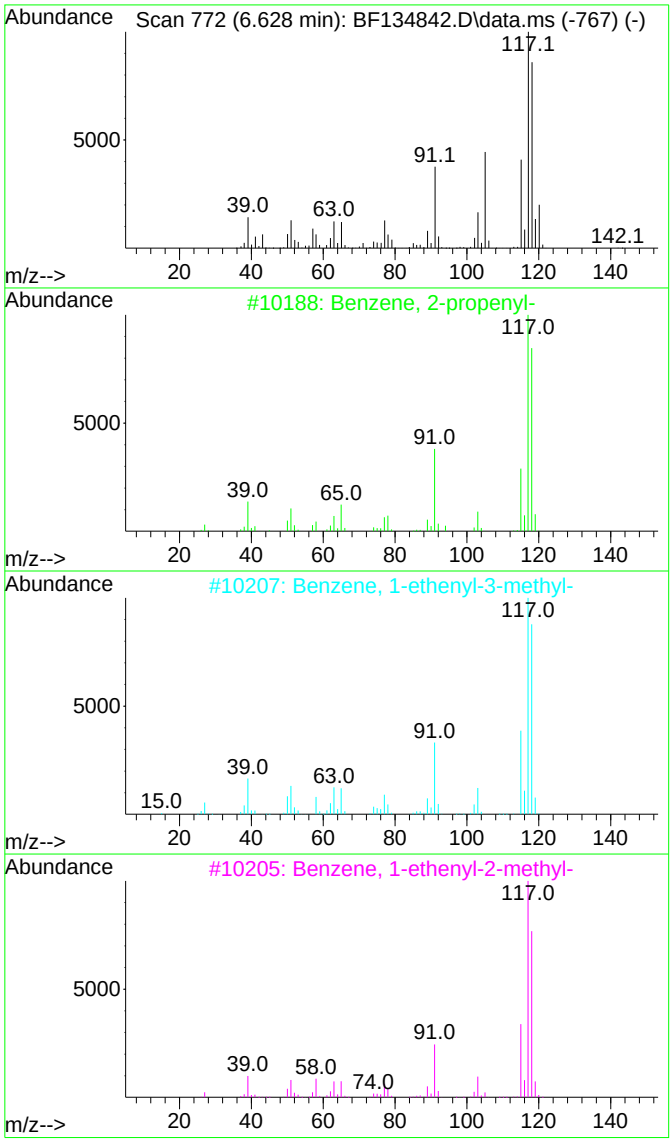
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

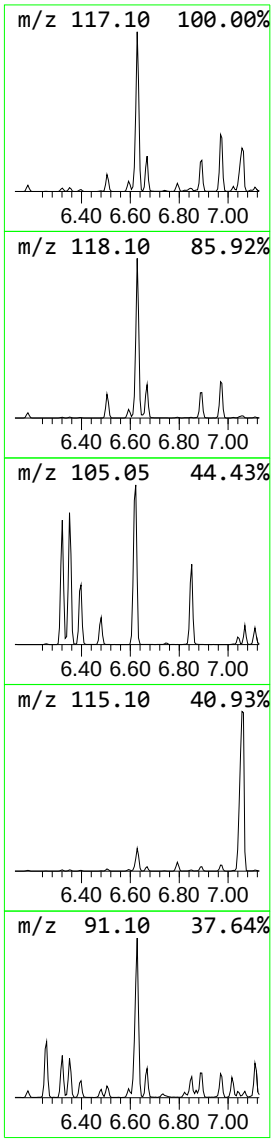
****

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	99.95 ng	4038780	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	86
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

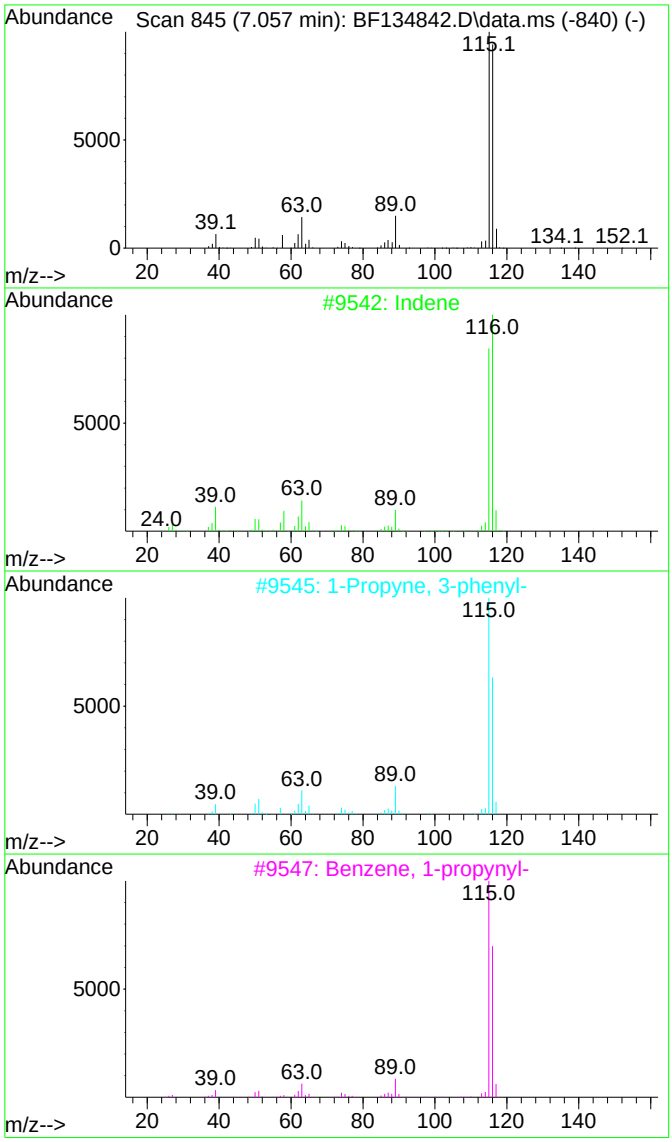
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

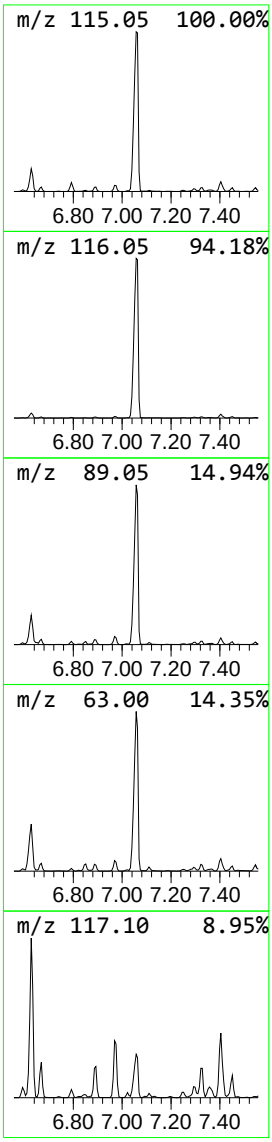
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	165.76 ng	6698450	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

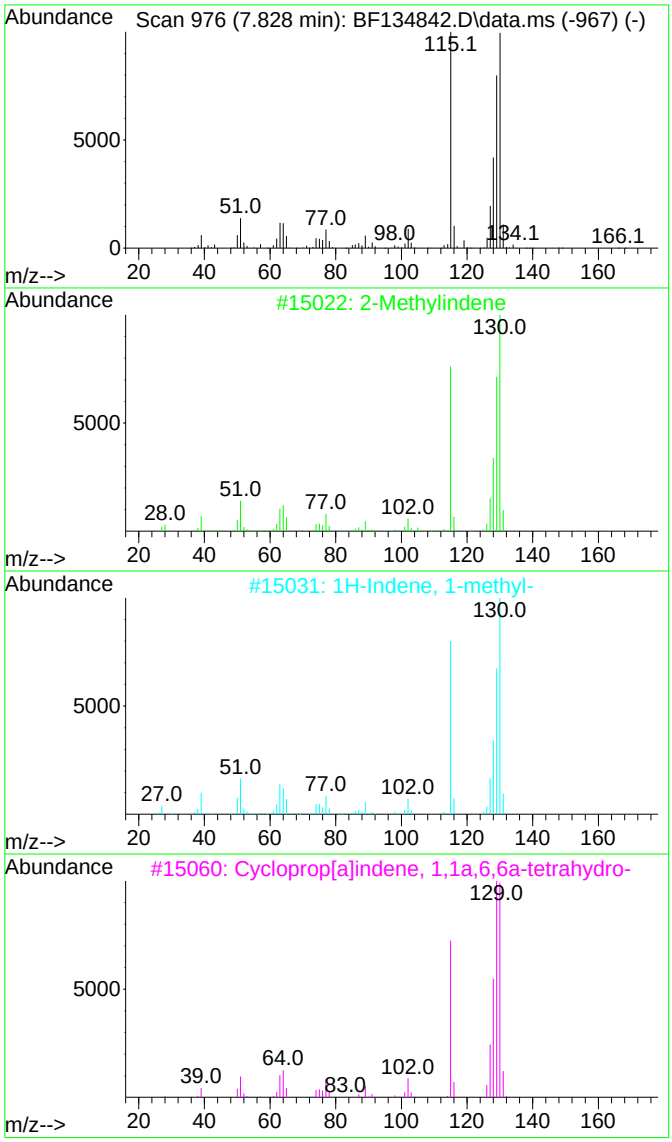
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

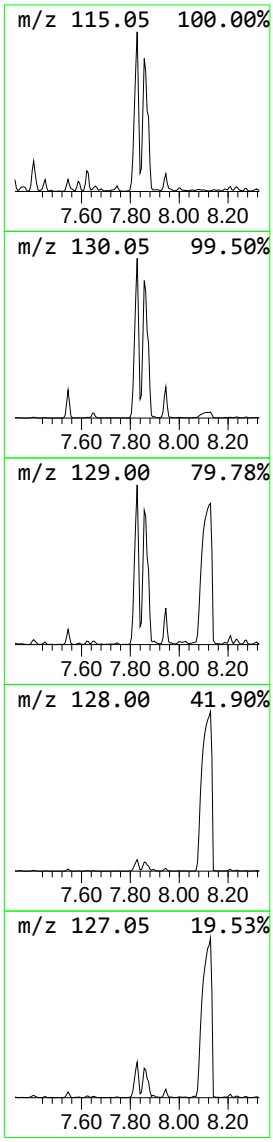
****

Peak Number 6 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.828	96.54 ng	4030970	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

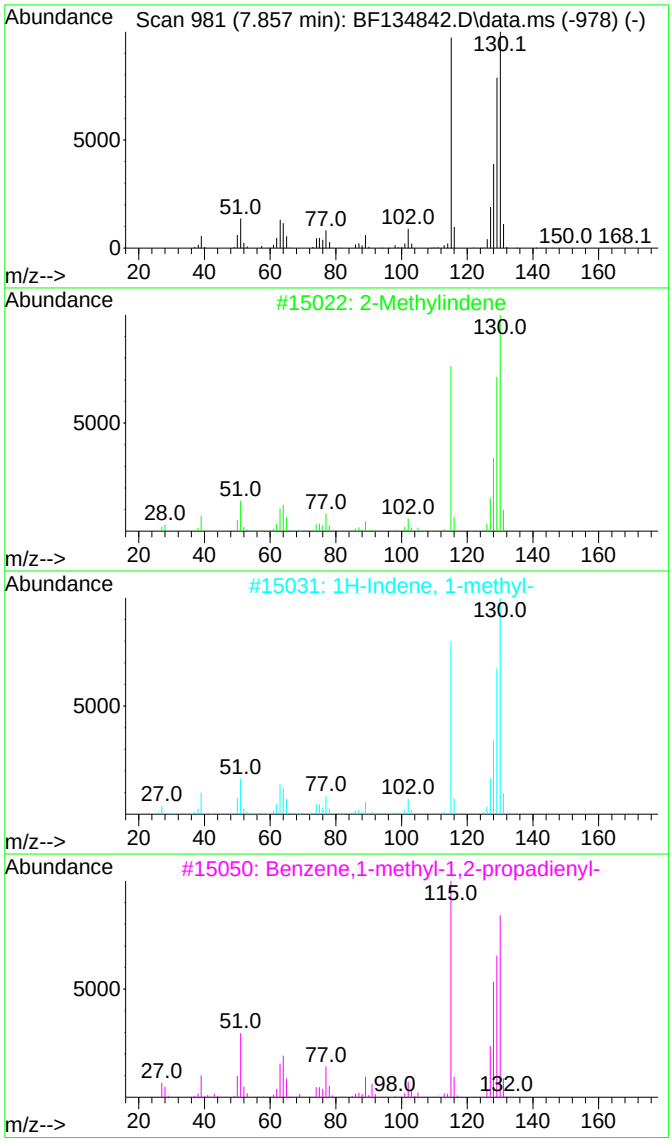
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

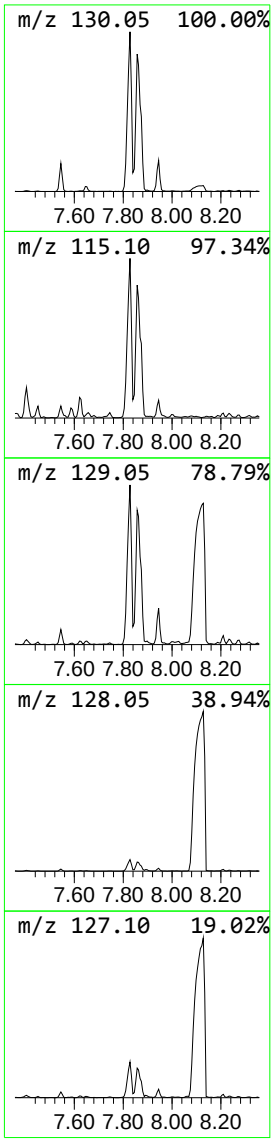
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	75.69 ng	3160260	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

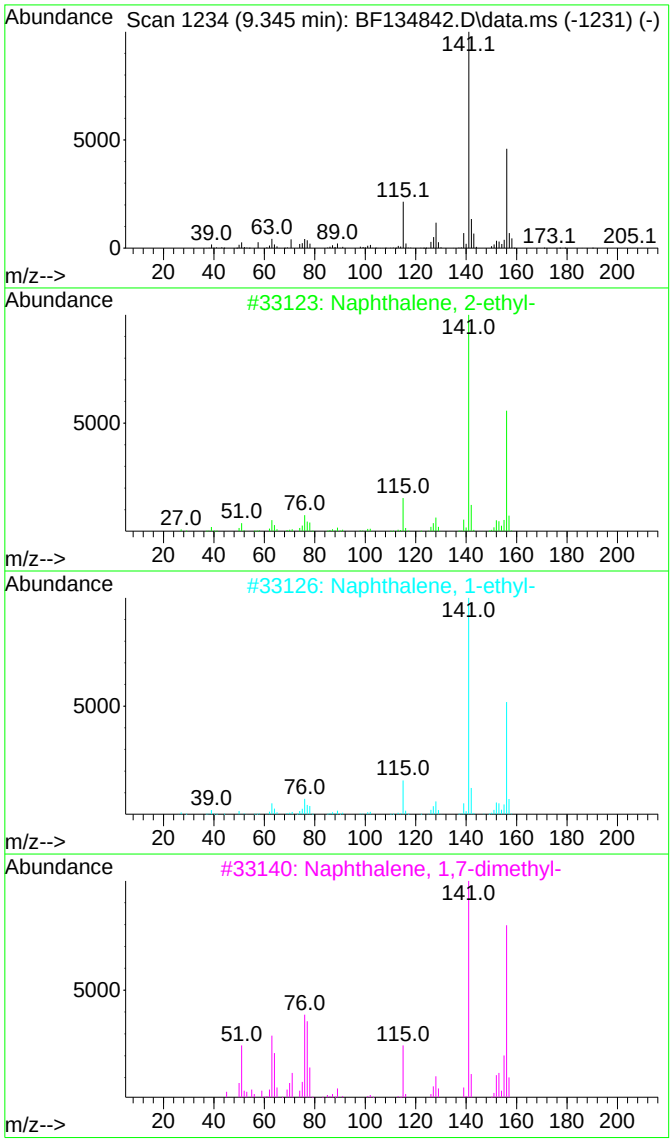
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

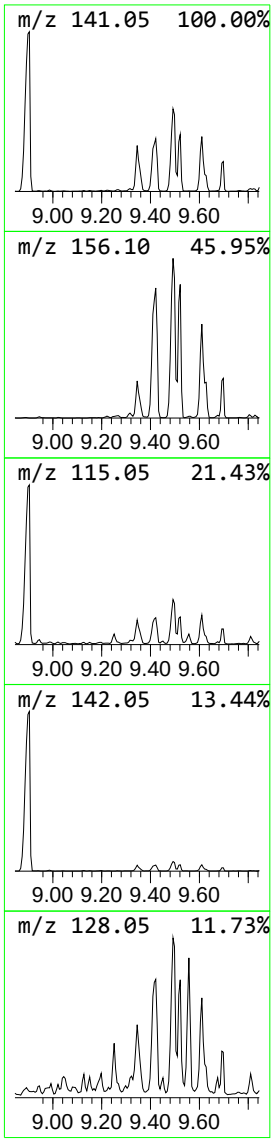
****

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	52.16 ng	1827940	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
5	4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	64





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Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

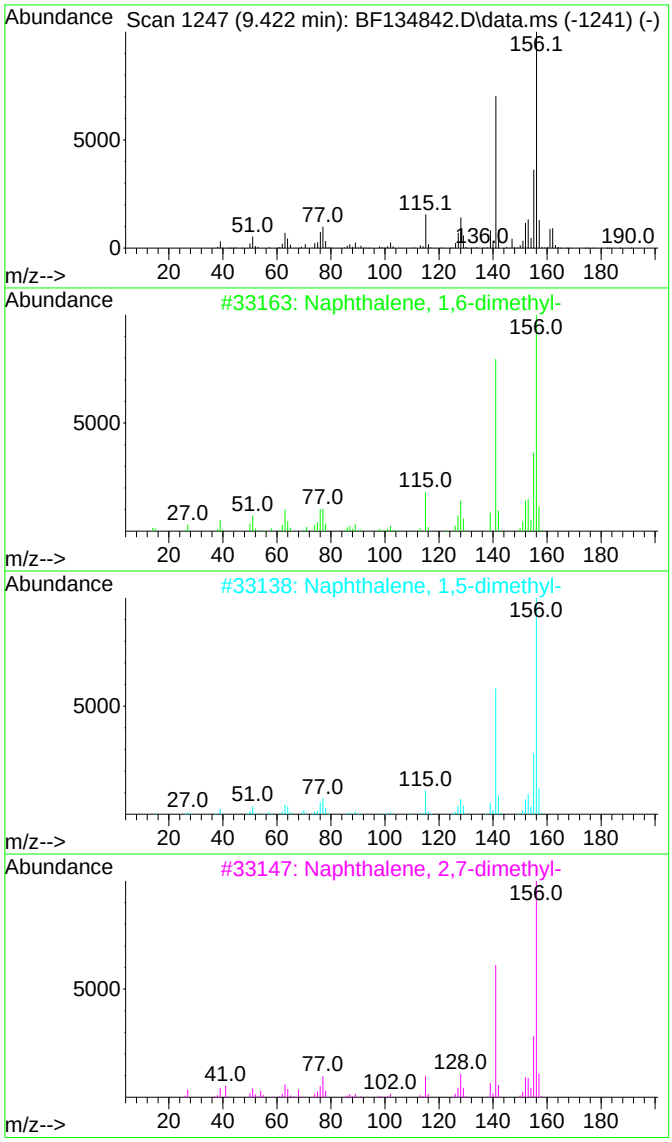
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

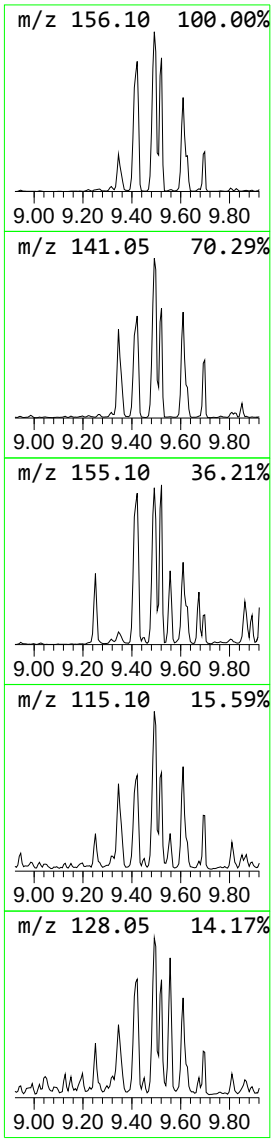
****

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	127.66 ng	4473720	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z83-84

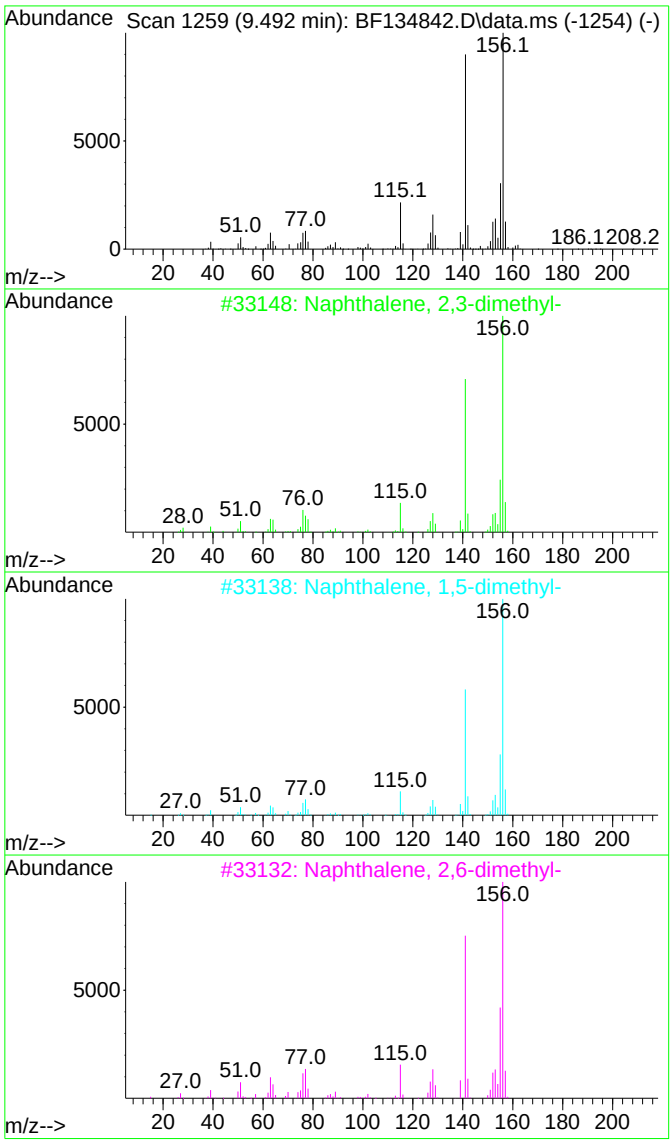
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

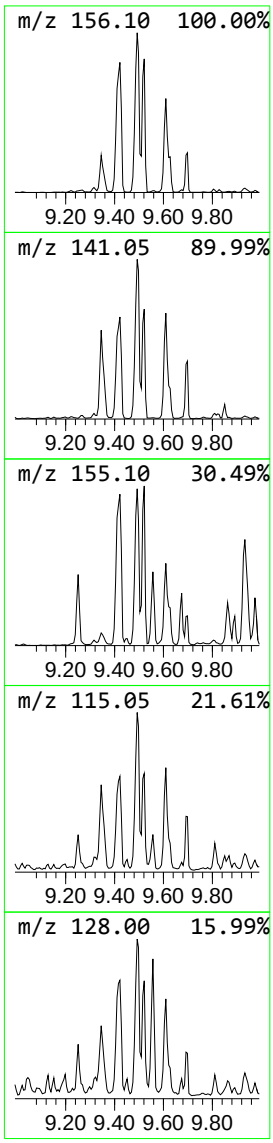
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	134.85 ng	4725840	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

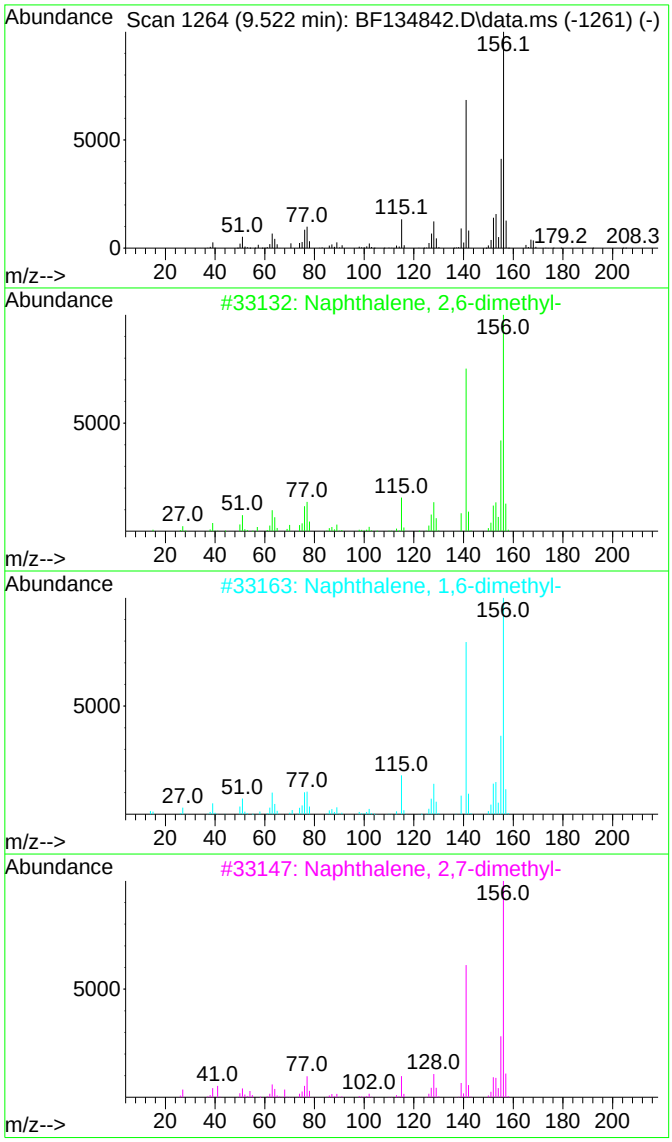
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

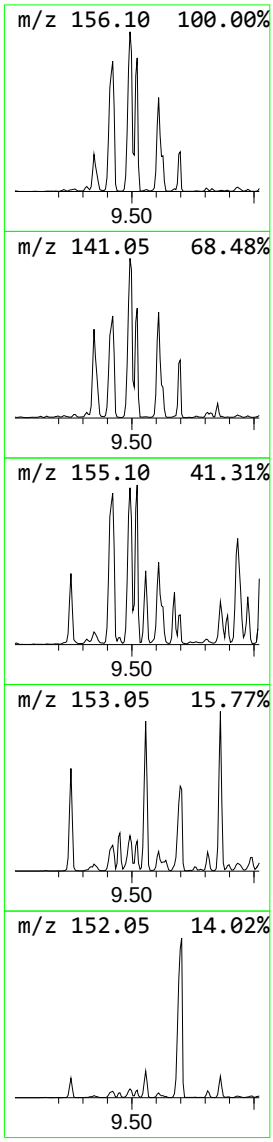
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	82.85 ng	2903400	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

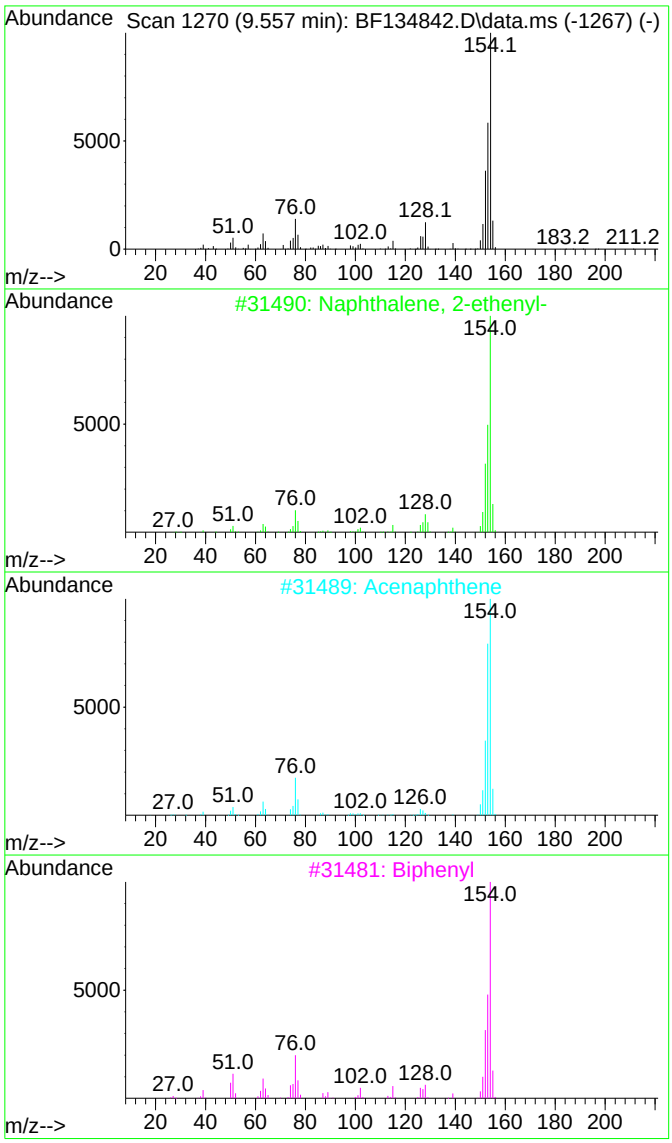
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

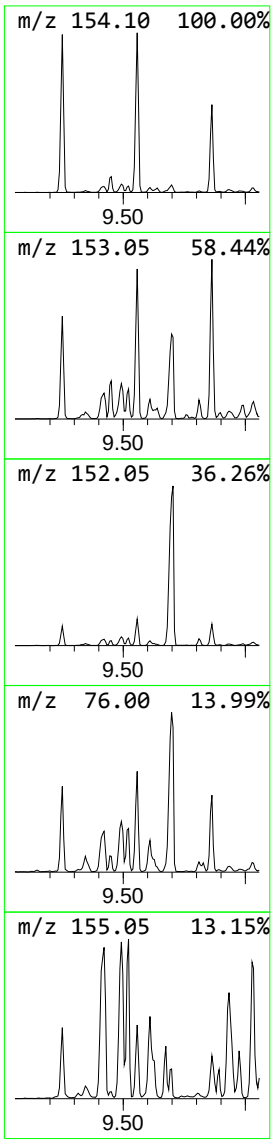
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	85.35 ng	2991030	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Biphenyl	154	C12H10	000092-52-4	90
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	62
5	1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	53





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Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

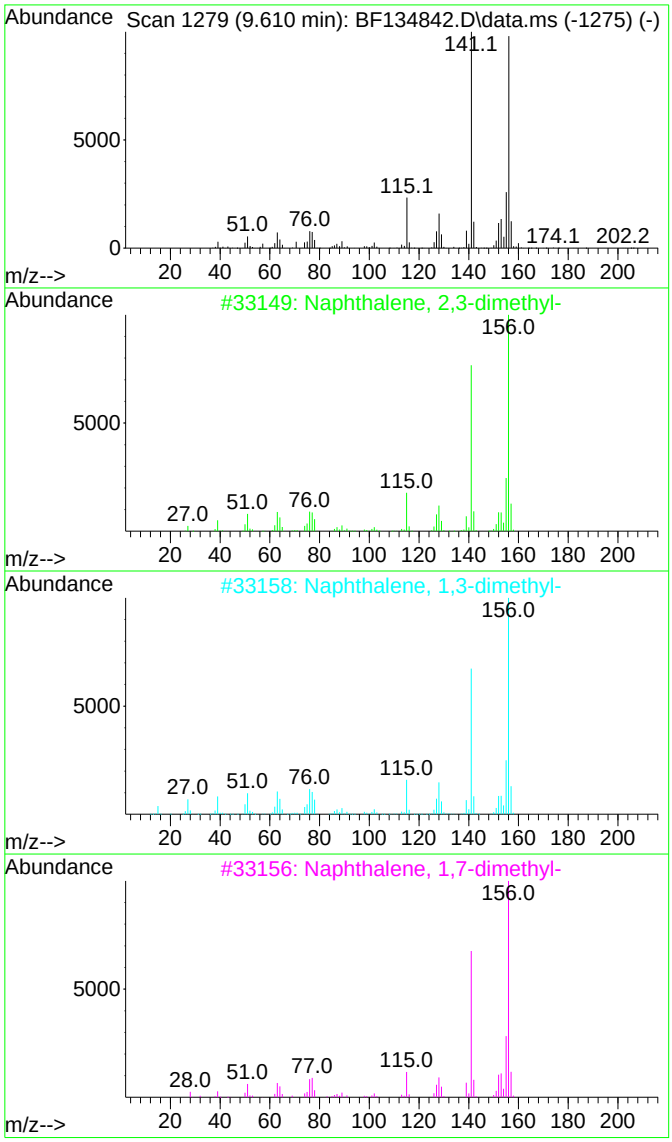
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

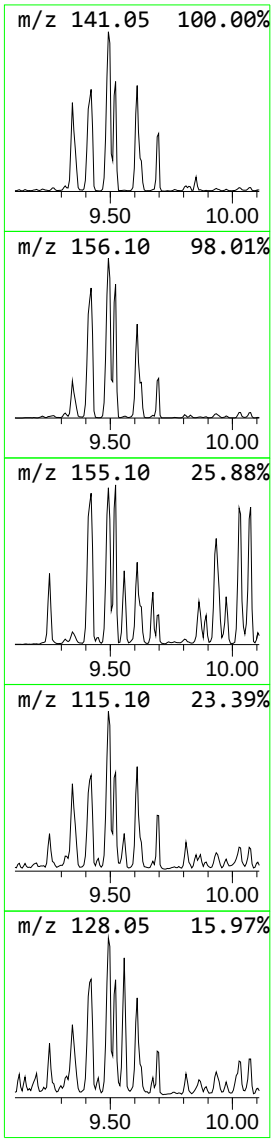
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	83.35 ng	2921010	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

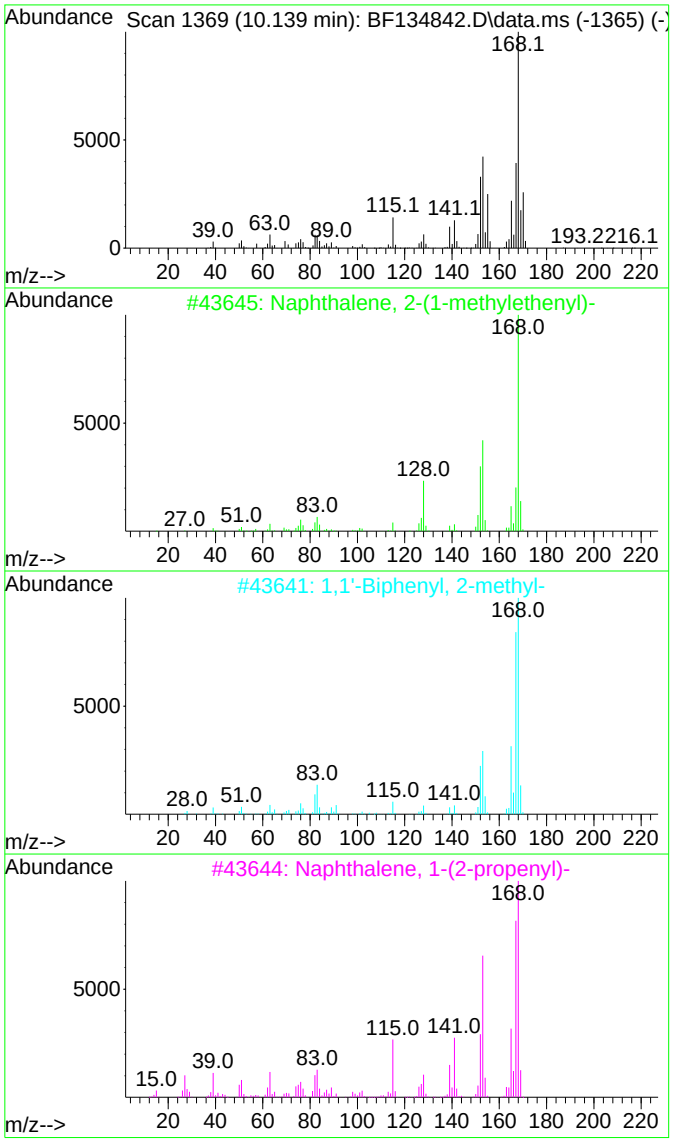
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

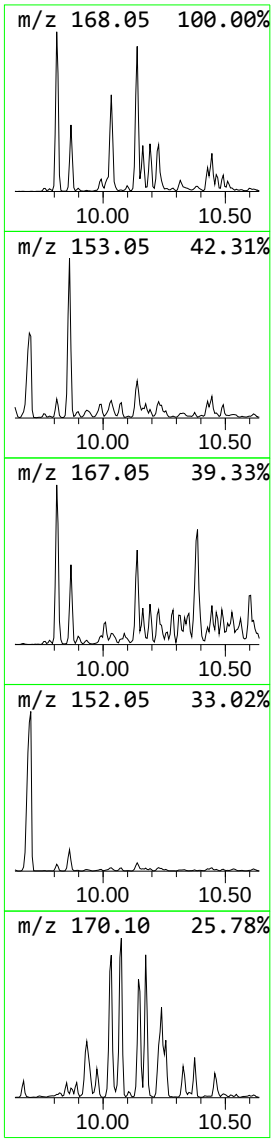
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.139	54.06 ng	1894420	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	52
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





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Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z83-84

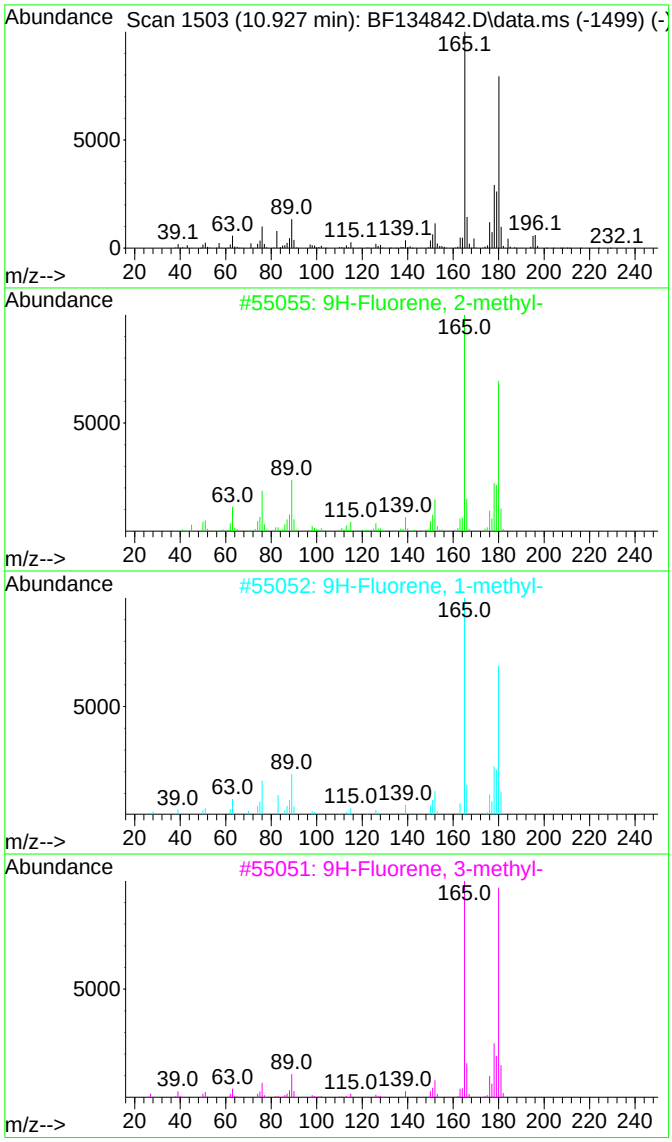
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

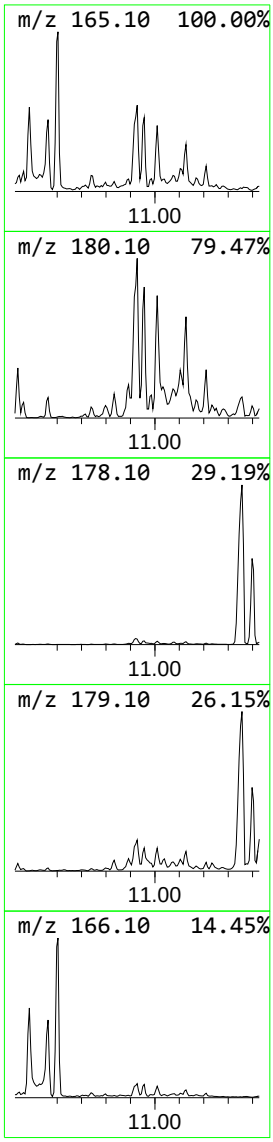
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.927	39.85 ng	1484680	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

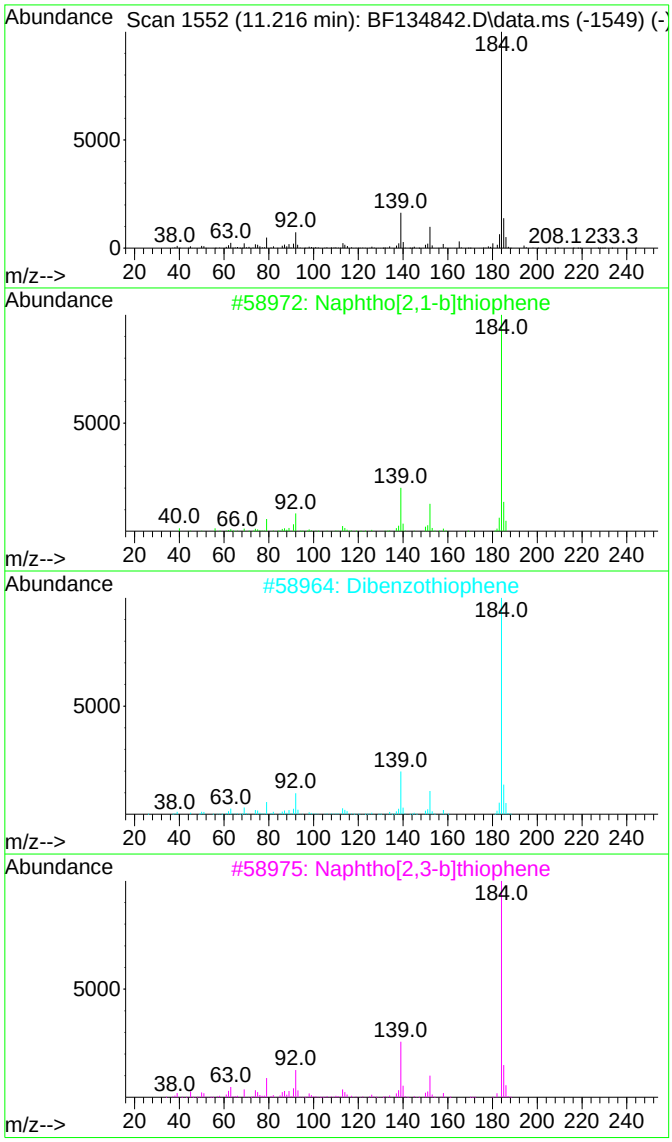
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

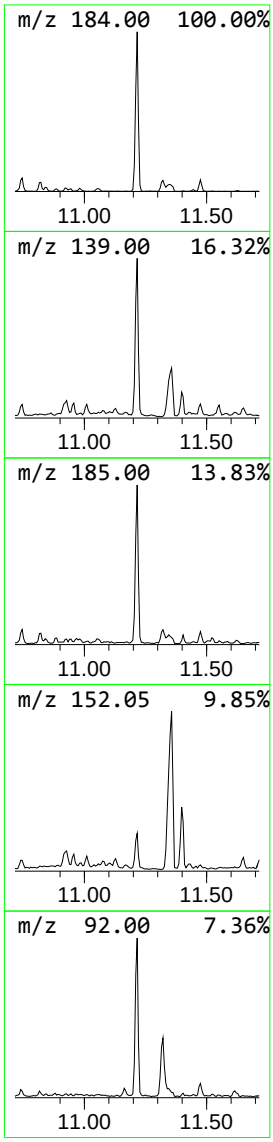
****

Peak Number 16 Naphtho[2,1-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	46.06 ng	1716170	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z83-84

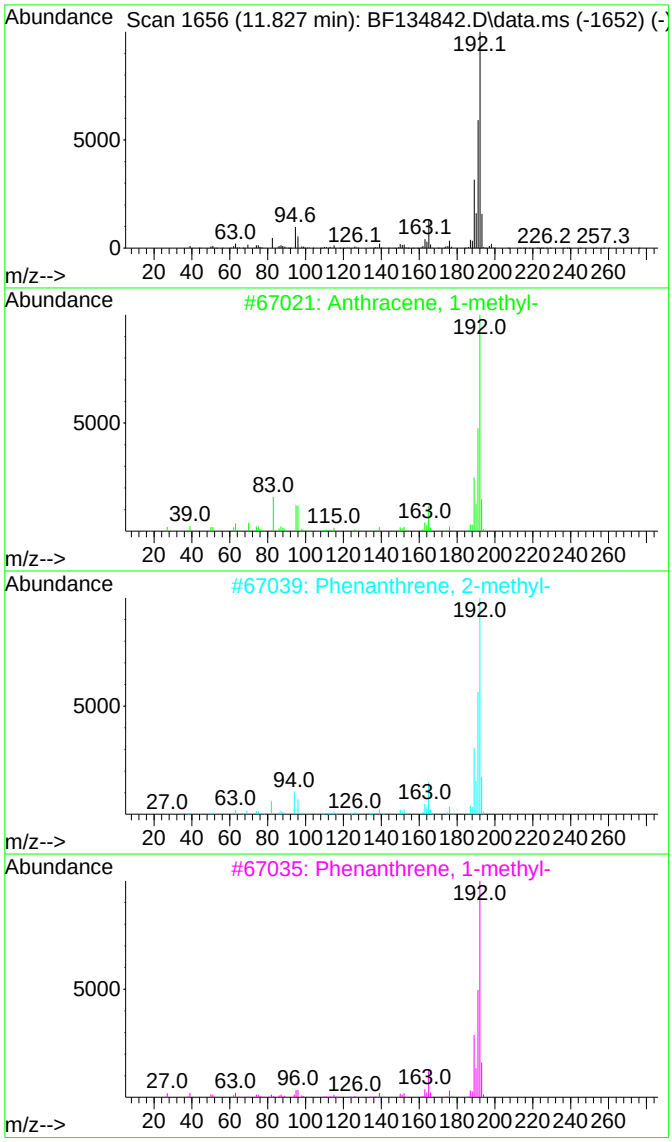
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

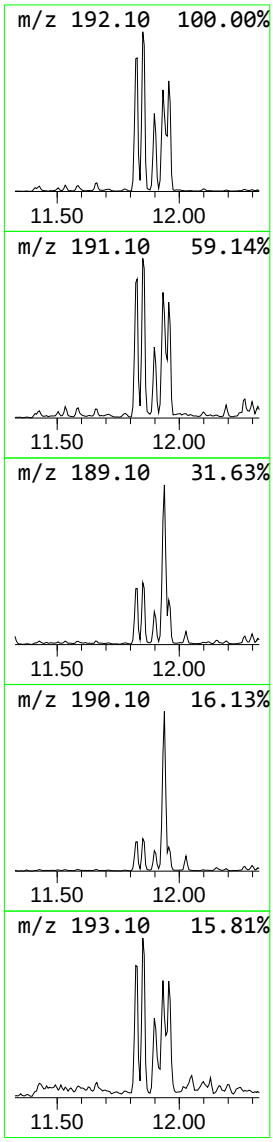
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	53.72 ng	2001280	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

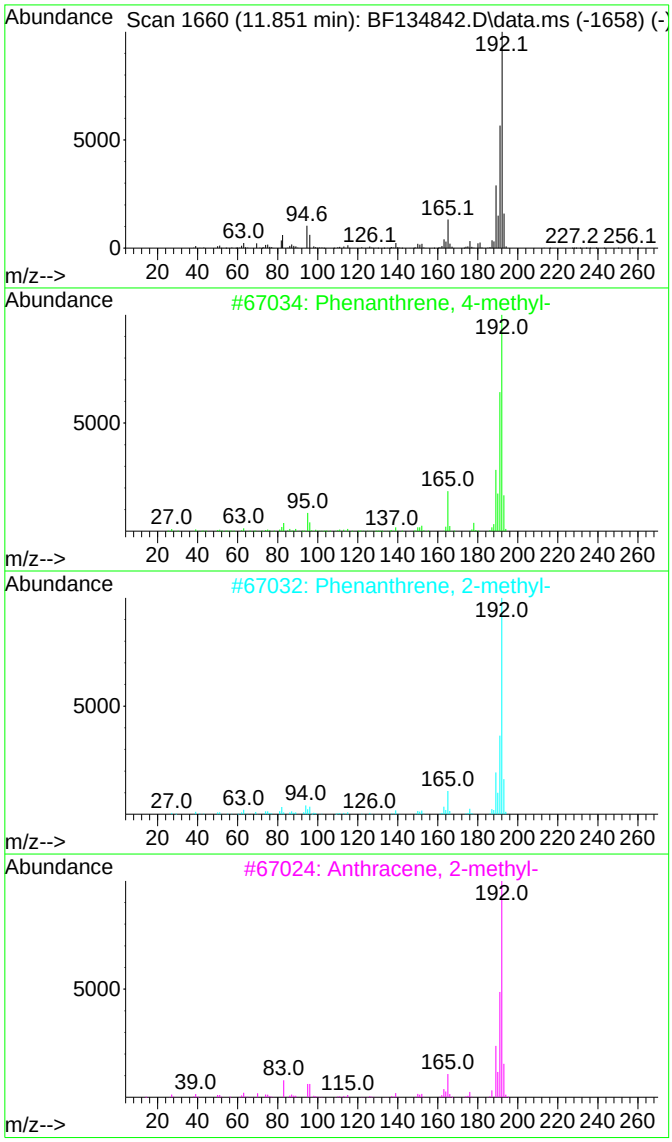
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

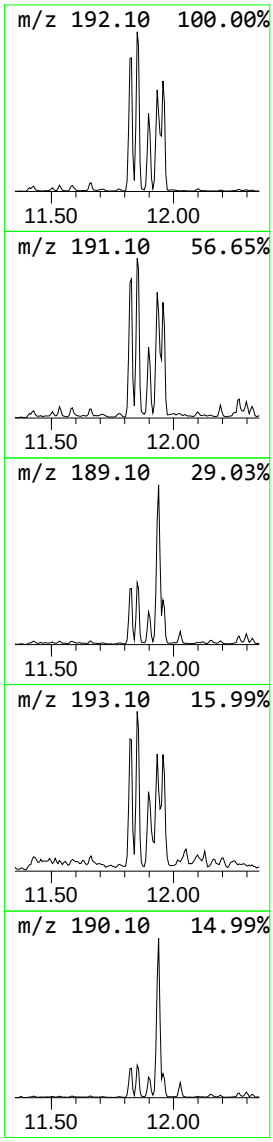
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	54.15 ng	2017410	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

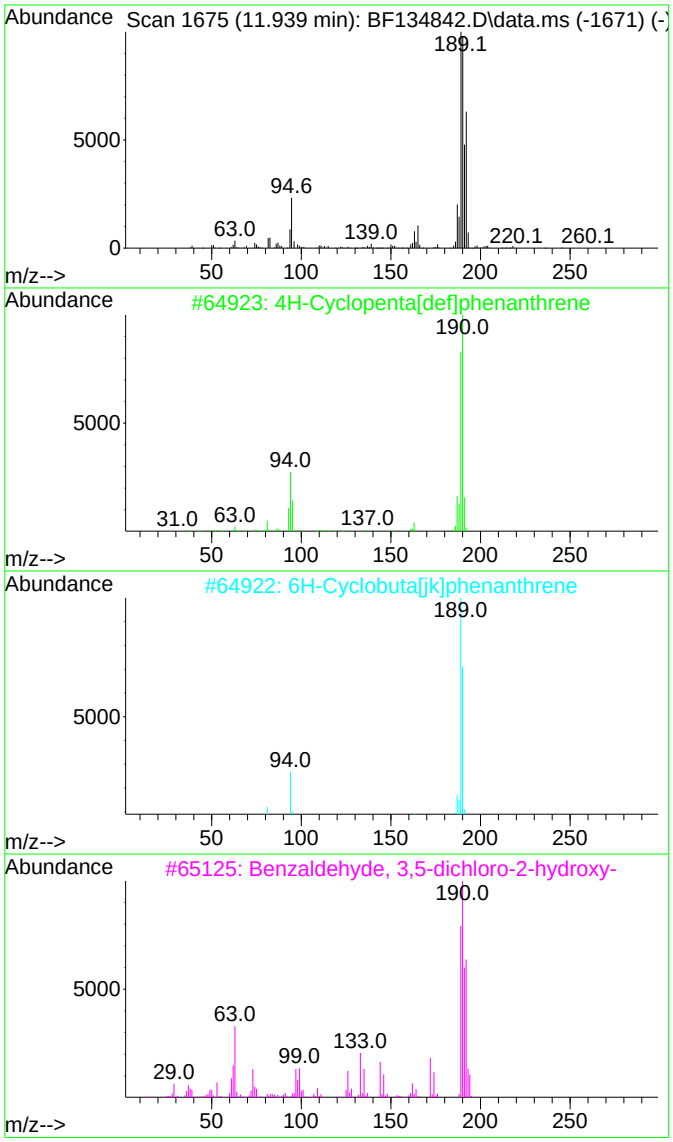
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

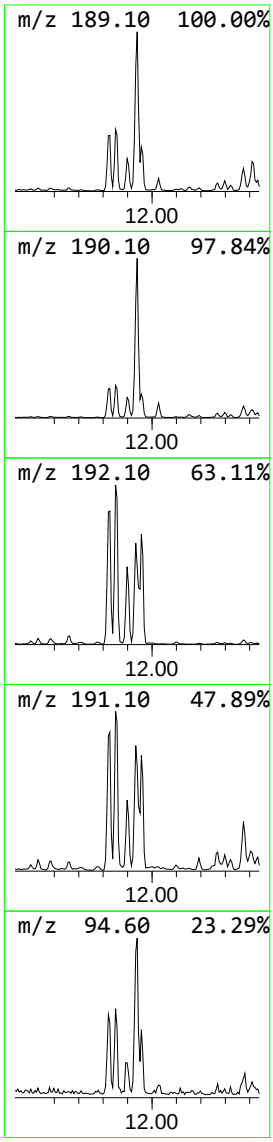
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	80.11 ng	2984760	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
4	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	35
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

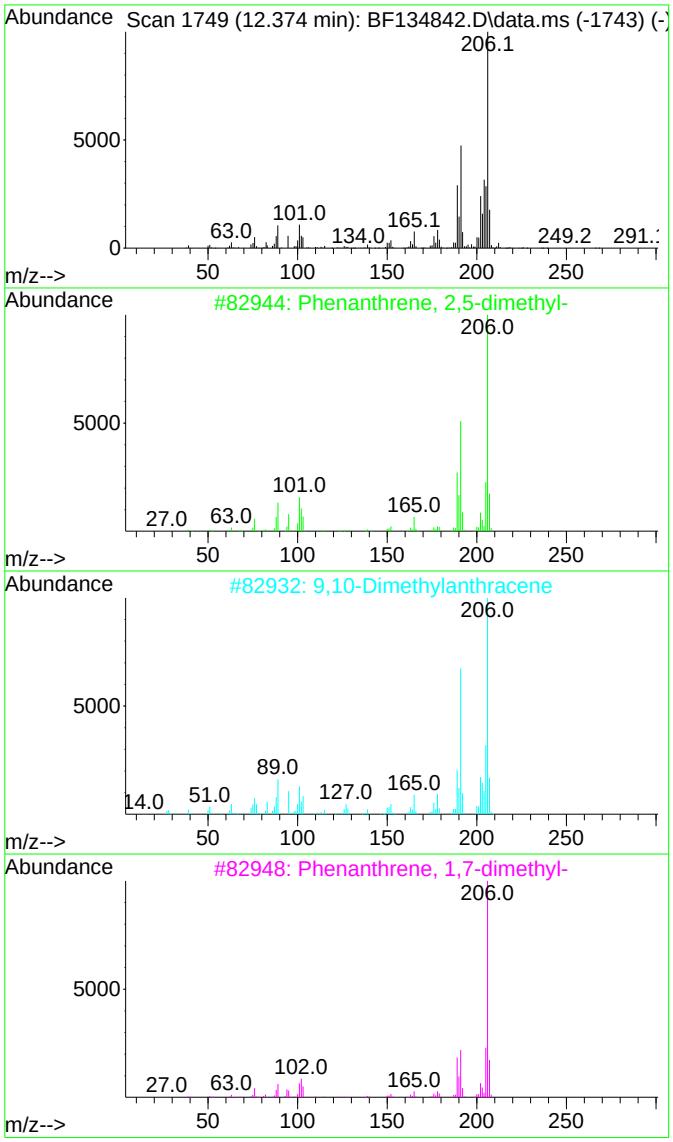
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

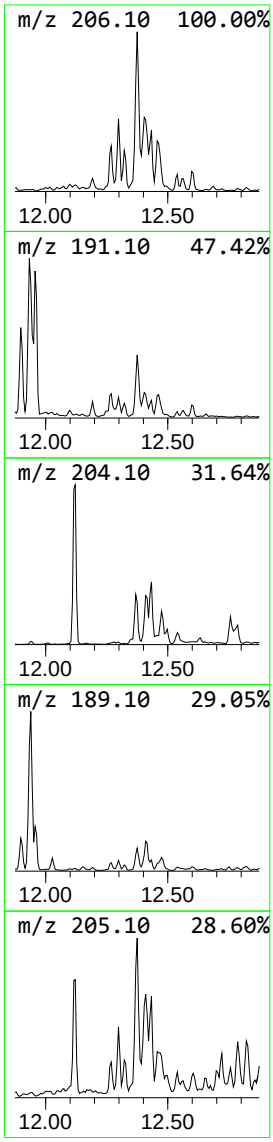
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	37.35 ng	1391610	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-prop...	6.628	100.0	ng	4038780	1	6.792	808196	20.0
Indene	7.057	165.8	ng	6698450	1	6.792	808196	20.0
2-Methylindene	7.828	96.5	ng	4030970	2	8.080	835057	20.0
1H-Indene, 1-me...	7.857	75.7	ng	3160260	2	8.080	835057	20.0
Naphthalene, 2-...	9.345	52.2	ng	1827940	3	9.827	700886	20.0
Naphthalene, 1,...	9.422	127.7	ng	4473720	3	9.827	700886	20.0
Naphthalene, 2,...	9.492	134.8	ng	4725840	3	9.827	700886	20.0
Naphthalene, 2,...	9.522	82.8	ng	2903400	3	9.827	700886	20.0
Naphthalene, 2-...	9.557	85.3	ng	2991030	3	9.827	700886	20.0
Naphthalene, 1,...	9.610	83.3	ng	2921010	3	9.827	700886	20.0
Naphthalene, 2-...	10.139	54.1	ng	1894420	3	9.827	700886	20.0
9H-Fluorene, 2-...	10.927	39.9	ng	1484680	4	11.321	745138	20.0
Naphtho[2,1-b]t...	11.216	46.1	ng	1716170	4	11.321	745138	20.0
Anthracene, 1-m...	11.827	53.7	ng	2001280	4	11.321	745138	20.0
Phenanthrene, 4...	11.851	54.1	ng	2017410	4	11.321	745138	20.0
4H-Cyclopenta[d...	11.939	80.1	ng	2984760	4	11.321	745138	20.0
Phenanthrene, 2...	12.374	37.4	ng	1391610	4	11.321	745138	20.0